

Title (en)

AUTOMATIC PARENTERAL INFUSION APPARATUS

Publication

EP 0185808 B1 19871125 (EN)

Application

EP 84308682 A 19841213

Priority

- EP 84308682 A 19841213
- US 37862882 A 19820517

Abstract (en)

[origin: US4505701A] Automatic parenteral infusion equipment for safely delivering, under substantially constant pressure and at a substantially constant rate of flow, infusion liquid to a patient's body. The apparatus includes a chamber for containing the infusion liquid, a pressure force remote from the infusion liquid chamber, a force transmission means interposed between the pressure source and the infusion liquid chamber, vent means to discharge compressible or incompressible fluid used as a force transmission vehicle in order to prevent the possibility of embolism or toxicity to the patient, and flow regulating member including a restricted orifice to deliver infusion liquid to the patient at a substantially constant rate. Alternative embodiments of the invention are disclosed for adaptation to both ambulatory and immobile patients.

IPC 1-7

A61M 5/14

IPC 8 full level

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CPC (source: EP US)

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Cited by

US4850971A; EP0248538A1

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